

Storm Data and Unusual Weather Phenomena - March 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KANSAS, Extreme Southeast				
BOURBON COUNTY --- 3.3 SW DEVON [37.89, -94.87], 5.4 ENE FULTON [38.03, -94.63]				
	03/08/09 05:25 CST		0.30M	Thunderstorm Wind (EG 70 kt)
	03/08/09 05:44 CST		0	Source: NWS Storm Survey
A National Weather Service storm survey revealed that straight line winds damaged rural areas north of Fort Scott . Damage included a two story home moved off of its foundation , two recreational vehicles overturned, a destroyed carport, tree damage, and several hay bales were flipped over.				
BOURBON COUNTY --- 3.8 S REDFIELD [37.78, -94.87], 1.9 SSW MARMATON [37.81, -94.85]				
	03/08/09 05:30 CST		0.10M	Thunderstorm Wind (EG 70 kt)
	03/08/09 05:40 CST		0	Source: NWS Storm Survey
A National Weather Service storm survey revealed that straight line winds damage rural areas southeast of Redfield . Damage consisted of significant roof damage to homes and mobile homes. Numerous outbuildings were destroyed while trees were uprooted.				
Severe thunderstorms impacted portions of Bourbon County during the morning hours of 8 March. Wind damage occurred near the Fort Scott area while small hail was also observed.				
(KS-Z073) BOURBON, (KS-Z097) CRAWFORD, (KS-Z101) CHEROKEE				
	03/27/09 14:00 CST		0	Winter Storm
	03/28/09 17:00 CST		0	
A winter storm brought a variety of winter weather to extreme southeast Kansas into west central Missouri from the afternoon of January 27th into January 28th. A mix of freezing drizzle, freezing rain and sleet transitioned to a period of snow. Ice accretion up to one quarter of an inch coupled with sleet and snow accumulations of two to five inches resulted in treacherous travel conditions.				
BOURBON COUNTY --- 5.0 E FULTON [38.00, -94.63], 2.2 SE FT SCOTT [37.81, -94.67], 0.2 ENE UNIONTOWN [37.85, -94.98], 1.6 ENE XENIA [38.01, -94.95]				
	03/28/09 12:00 CST		0	Flash Flood (due to Heavy Rain)
	03/28/09 15:00 CST		0	Source: Emergency Manager
Excessive rainfall caused several roads and low water crossings to become flooded across the county. A couple of specific locations that flooded included the intersection of 165th street and Highway 31, along with the intersection of 185th Street and Highway 31.				
Excessive rainfall caused flash flooding across Bourbon County. Numerous roads and low water crossing became flooded and impassable to motorists.				
MISSOURI, Southwest				
VERNON COUNTY --- 2.3 SSE HORTON [37.95, -94.36]				
	03/08/09 05:45 CST		0	Hail (0.88 in)
	03/08/09 05:45 CST		0	Source: COOP Observer
VERNON COUNTY --- SCHELL CITY [38.02, -94.12]				
	03/08/09 05:45 CST		0	Hail (0.88 in)
	03/08/09 05:45 CST		0	Source: Emergency Manager
VERNON COUNTY --- 1.3 ENE WALKER [37.91, -94.23]				
	03/08/09 06:02 CST		0	Hail (1.00 in)
	03/08/09 06:02 CST		0	Source: Law Enforcement
CEDAR COUNTY --- 0.9 NW EL DORADO SPGS [37.88, -94.04]				
	03/08/09 06:22 CST		0	Hail (1.00 in)
	03/08/09 06:22 CST		0	Source: Public
NEWTON COUNTY --- 3.3 E DIAMOND SHEPERD ARPT [36.98, -94.26]				

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	03/08/09 06:28 CST		0	Thunderstorm Wind (EG 52 kt)
	03/08/09 06:28 CST		0	Source: COOP Observer
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NEWTON COUNTY --- 3.5 NW RITCHEY [36.98, -94.25]				
	03/08/09 06:28 CST		0	Thunderstorm Wind (EG 52 kt)
	03/08/09 06:28 CST		0	Source: COOP Observer
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CEDAR COUNTY --- 0.9 NE EL DORADO SPGS [37.88, -94.02]				
	03/08/09 06:29 CST		0	Thunderstorm Wind (EG 52 kt)
	03/08/09 06:29 CST		0	Source: Emergency Manager
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ST. CLAIR COUNTY --- 3.3 ESE OHIO [38.16, -93.79]				
	03/08/09 06:30 CST		0	Thunderstorm Wind (EG 50 kt)
	03/08/09 06:30 CST		0	Source: Law Enforcement
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Trees were blown down along Highway A approximately four miles west of its intersection with Highway 13.				
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BARRY COUNTY --- PURDY [36.82, -93.92]				
	03/08/09 07:05 CST		0	Thunderstorm Wind (EG 52 kt)
	03/08/09 07:05 CST		0	Source: Emergency Manager
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GREENE COUNTY --- 1.4 N WILLARD [37.32, -93.43]				
	03/08/09 07:16 CST		0	Thunderstorm Wind (EG 56 kt)
	03/08/09 07:16 CST		0	Source: Trained Spotter
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BENTON COUNTY --- 5.5 SSE FRISTOE [38.05, -93.23]				
	03/08/09 07:17 CST		0	Thunderstorm Wind (EG 59 kt)
	03/08/09 07:17 CST		0	Source: Public
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HICKORY COUNTY --- 1.4 N CROSS TIMBERS [38.05, -93.23]				
	03/08/09 07:17 CST		0	Thunderstorm Wind (EG 59 kt)
	03/08/09 07:17 CST		0	Source: Public
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GREENE COUNTY --- 2.3 ESE SACVILLE [37.39, -93.39]				
	03/08/09 07:20 CST		0	Thunderstorm Wind (EG 56 kt)
	03/08/09 07:20 CST		0	Source: NWS Employee
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DALLAS COUNTY --- 3.9 E OLIVE [37.44, -93.08]				
	03/08/09 07:21 CST		0	Thunderstorm Wind (EG 50 kt)
	03/08/09 07:21 CST		0	Source: Emergency Manager
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Wind gusts wrapped a trampoline around some power lines.				
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DALLAS COUNTY --- 0.9 SE HANDLEY [37.52, -92.92]				
	03/08/09 07:27 CST		10K	Thunderstorm Wind (EG 60 kt)
	03/08/09 07:27 CST		0	Source: Emergency Manager
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Thunderstorm wind gusts destroyed a barn.				
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GREENE COUNTY --- FAIR GROVE [37.38, -93.15]				
	03/08/09 07:30 CST		20K	Thunderstorm Wind (EG 74 kt)
	03/08/09 07:30 CST		0	Source: NWS Storm Survey
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The Upper Elementary school roof was peeled off. A National Weather Service storm revealed that this damage was the result of straight line winds.				
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MORGAN COUNTY --- 3.0 ENE ZWANZIG [38.35, -92.88]				
	03/08/09 07:35 CST		0	Thunderstorm Wind (EG 56 kt)
	03/08/09 07:35 CST		0	Source: Trained Spotter

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CAMDEN COUNTY --- CLIMAX SPGS [38.10, -93.05]				
	03/08/09 07:45 CST		20K	Thunderstorm Wind (EG 60 kt)
	03/08/09 07:45 CST		0	Source: NWS Storm Survey
A National Weather Service storm survey revealed that straight line winds tore a roof off of a boat dock company just south of Climax Springs.				
LACLEDE COUNTY --- 0.6 E CONWAY [37.50, -92.82]				
	03/08/09 07:50 CST		0	Hail (1.00 in)
	03/08/09 07:50 CST		0	Source: Trained Spotter
MORGAN COUNTY --- 1.8 NW ROCKY MT [38.32, -92.72]				
	03/08/09 07:50 CST		10K	Thunderstorm Wind (EG 60 kt)
	03/08/09 07:50 CST		0	Source: Emergency Manager
Thunderstorm wind gusts destroyed a barn along Highway W.				
LACLEDE COUNTY --- 0.6 E CONWAY [37.50, -92.82]				
	03/08/09 07:58 CST		5K	Thunderstorm Wind (EG 61 kt)
	03/08/09 07:58 CST		0	Source: NWS Storm Survey
A National Weather Service storm survey revealed that 70 mph straight line winds damaged a building and several trees.				
LACLEDE COUNTY --- 1.3 ENE DRYNOB [37.64, -92.45]				
	03/08/09 08:11 CST		0	Hail (0.75 in)
	03/08/09 08:11 CST		0	Source: Emergency Manager
DOUGLAS COUNTY --- 0.9 SE GOODHOPE [36.91, -92.79]				
	03/08/09 08:20 CST		5K	Thunderstorm Wind (EG 50 kt)
	03/08/09 08:20 CST		0	Source: Law Enforcement
Thunderstorm wind gusts damaged a barn.				
LACLEDE COUNTY --- 1.8 ESE AGNES [37.51, -92.47]				
	03/08/09 08:24 CST		10K	Thunderstorm Wind (EG 60 kt)
	03/08/09 08:24 CST		0	Source: Amateur Radio
Thunderstorm wind gusts damaged a home near the intersection of Highway O and County Road 181.				
PHELPS COUNTY --- 1.3 ENE EDGAR SPGS [37.71, -91.85]				
	03/08/09 08:38 CST		25K	Thunderstorm Wind (EG 70 kt)
	03/08/09 08:38 CST		0	Source: NWS Storm Survey
Thunderstorm wind gusts tore a metal roof off of a business in Edgar Springs . Several trees were damaged along with a window that was blown out of a home.				
PHELPS COUNTY --- EDGAR SPGS [37.70, -91.87]				
	03/08/09 08:38 CST		40K	Thunderstorm Wind (EG 60 kt)
	03/08/09 08:38 CST		0	Source: Public
Thunderstorm wind gusts caused damage to a garage along with several trees and fences. Numerous roofs were damaged with windows blown out of several buildings.				
DOUGLAS COUNTY --- 1.1 E VANZANT [36.97, -92.30]				
	03/08/09 08:47 CST		0	Thunderstorm Wind (EG 50 kt)
	03/08/09 08:47 CST		0	Source: Law Enforcement
Thunderstorm wind gusts downed a few trees.				

Damaging winds and large hail were observed over portions of the Missouri Ozarks during the morning hours of 8 March. A roof on an elementary school in Fair Grove was completely destroyed. Meanwhile, another roof of a business in Climax Springs was also destroyed from the straight line winds. Other roof and tree damage occurred in several other locations across the Ozarks.

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JASPER COUNTY --- 1.8 ENE WACO [37.26, -94.57]				
	03/24/09 04:00 CST		0.10M	Thunderstorm Wind (EG 60 kt)
	03/24/09 04:00 CST		0	Source: Law Enforcement
Thunderstorm wind gusts damaged shingles, windows, and trees in the Carl Junction area.				
BENTON COUNTY --- 0.5 E COLE CAMP [38.47, -93.19]				
	03/24/09 06:10 CST		0	Thunderstorm Wind (EG 52 kt)
	03/24/09 06:10 CST		0	Source: Trained Spotter
BENTON COUNTY --- 0.5 E COLE CAMP [38.47, -93.19]				
	03/24/09 06:20 CST		0	Thunderstorm Wind (EG 52 kt)
	03/24/09 06:20 CST		0	Source: Trained Spotter
MORGAN COUNTY --- 0.9 SW STOVER [38.44, -92.99]				
	03/24/09 06:24 CST		10K	Thunderstorm Wind (EG 50 kt)
	03/24/09 06:24 CST		0	Source: Trained Spotter
Thunderstorm wind gusts caused roof damage to a school.				
ST. CLAIR COUNTY --- OSCEOLA [38.05, -93.70], 0.3 SSW ICONIUM [38.12, -93.55], 1.1 ESE LOWRY CITY [38.14, -93.71], 2.9 ESE CHALK LEVEL [38.09, -93.77]				
	03/24/09 07:22 CST		0	Flash Flood (due to Heavy Rain)
	03/24/09 12:00 CST		0	Source: Emergency Manager
Heavy rain caused several low water crossings to become flooded and impassable to motorists.				
BENTON COUNTY --- 2.8 N WARSAW [38.29, -93.38], 4.3 SSW LINCOLN [38.35, -93.37], 5.2 ENE RACKET [38.34, -93.40], 4.1 NNW WARSAW [38.31, -93.40]				
	03/24/09 08:00 CST		0	Flash Flood (due to Heavy Rain)
	03/24/09 12:00 CST		0	Source: Public
A few roads across Benton County became flooded and impassable to motorists.				
ST. CLAIR COUNTY --- 1.1 E DAMASCUS [38.12, -93.66]				
	03/24/09 09:21 CST		0	Hail (0.75 in)
	03/24/09 09:21 CST		0	Source: Public
BARTON COUNTY --- 3.4 WNW MILFORD [37.59, -94.23], 0.6 ESE MULBERRY [37.57, -94.57], 0.8 SSW MINDENMINES [37.47, -94.60], 1.3 ENE IANTHA [37.53, -94.40]				
	03/24/09 10:00 CST		0	Flash Flood (due to Heavy Rain)
	03/24/09 12:00 CST		0	Source: Law Enforcement
Excessive rain caused several roads across the county to flood.				
GREENE COUNTY --- REPUBLIC [37.12, -93.48]				
	03/24/09 11:10 CST		0	Thunderstorm Wind (EG 52 kt)
	03/24/09 11:10 CST		0	Source: NWS Employee
GREENE COUNTY --- 1.4 N WILLARD [37.32, -93.43]				
	03/24/09 11:20 CST		0	Thunderstorm Wind (EG 52 kt)
	03/24/09 11:20 CST		0	Source: Trained Spotter
NEWTON COUNTY --- NEOSHO [36.87, -94.37], 0.7 E NEOSHO [36.87, -94.36], 0.7 E NEOSHO [36.87, -94.36], 0.1 ENE NEOSHO [36.87, -94.37]				
	03/24/09 12:09 CST		0	Flash Flood (due to Heavy Rain)
	03/24/09 15:00 CST		0	Source: Law Enforcement
Excessive rainfall caused flooding over a few city streets in Neosho.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GREENE COUNTY --- 3.2 SSW SPRINGFIELD [37.16, -93.33], 3.0 SSW SPRINGFIELD [37.16, -93.33], 3.2 SW SPRINGFIELD [37.16, -93.33], 3.4 SSW SPRINGFIELD [37.16, -93.33], 3.3 SSW SPRINGFIELD [37.16, -93.33]				
	03/24/09 13:15 CST		0	Flash Flood (due to Heavy Rain)
	03/24/09 17:00 CST		0	Source: Broadcast Media
Flash flooding occurred at the intersection of Battlefield and Scenic.				
SHANNON COUNTY --- 2.1 NNE MUNSETT [37.15, -91.32]				
	03/24/09 14:38 CST		0	Thunderstorm Wind (EG 50 kt)
	03/24/09 14:38 CST		0	Source: Law Enforcement
Thunderstorm wind gusts downed several trees.				
A line of thunderstorms impacted portions of the Missouri Ozarks during the morning of 24 March. A few of these storms became marginally severe producing large hail and damaging winds. Heavy rain caused flash flooding to occur in several areas.				
(MO-Z066) VERNON				
	03/27/09 15:00 CST		0	Winter Storm
	03/28/09 18:00 CST		0	
A winter storm brought a variety of winter weather to extreme southeast Kansas into west central Missouri from the afternoon of January 27th into January 28th. A mix of freezing drizzle, freezing rain and sleet transitioned to a period of snow. Ice accretion up to one quarter of an inch coupled with sleet and snow accumulations of two to five inches resulted in treacherous travel conditions.				